

MAIN INSTALLATION CHECKLIST

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: PEOPLES GAS LIGHT AND COKE CO.	Operator ID#: 15329
Inspection Date(s): 11/5/2014, 11/6/2014, 11/7/2014	Man Days: 3
Inspection Unit: North Shop	
Location of Audit: Chicago	
Exit Meeting Contact: Ted Lenart	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Steve Canestrini	
Company Representative to Receive Report: Tom Webb	
Company Representative's Email Address: TJWebb@peoplesgasdelivery.com	

CONSTRUCTION INFORMATION		
Location of Construction: 5600 block W. Montrose	Construction Performed By: K&S Energy	
Contractor Foreman:		
Operator Inspector:		
Person(s) On Job Site		
Bryan Ezerniak	Izidio Llanito	Ean Elderbrook
Jaud Madula	Allan Lidlow	Jason Taylor
John Wilgosiewicz	Justin Maldonado	
Description of Construction: K&S Energy installing a 4" PE main on the 5600 block of Montrose, via the open trench method		

MAIN INSTALLATION		Status
[192.55]	Steel	No
[192.59]	PE	Yes
[192.59]	Other	No
[192.5]	Class location :	4
[192.619,192.621,192.623]	MAOP	25 PSIG
[192.63]	Pipe Size :	4"
[192.55,192.59]	Specification :	PE 2406/2708

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[192.55,192.59]	Manufacturer :	DriscoPlex
[192.55,192.59]	Pipe Grade :	D2513
[192.55,192.59]	Wall Thickness :	0.5"
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u> <i>All pipe and fittings observed were properly marked for identification</i>		
[192.227]	Date of Welder qualification:	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.227]	Welder's Name:	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u> <i>The fusion operator followed the proper alignment, cleaning, fusing, and cool down procedures</i>		
[192.285]	Date of Plastic Joining Qualification :	7/18/14
[192.285]	Joiner's name:	Justin Maldonado
[192.455]	Is buried metallic pipe coated?	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.461]	Does coating meet 192.461?	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Not Applicable
<u>General Comment:</u> <i>PE main</i>		

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[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<u>General Comment:</u> <i>PE main</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable
<u>General Comment:</u> <i>All pipe was installed below grade</i>		
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u> <i>A copy of the construction specifications were on the job site, and were being followed.</i>		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
<u>General Comment:</u> <i>A contract inspector for Peoples Gas was on the job site.</i>		
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
<u>General Comment:</u> <i>Staff did identify some damage along the bottom of a section of the 4" main. The fusion operator checked the damage with a depth gauge, and found it to be within the operator's guidelines.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>The ditch was back-filled to provide support to the main, and free of material that could damage the pipe.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<u>General Comment:</u> <i>The pipe was installed in the open trench, which did not apply any force against the pipe.</i>		
[192.321(e)]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>A tracer wire was installed next to the main. This wire was connected to the tracer wire of the existing main.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
<u>General Comment:</u> <i>The main was crossing a telephone duct on the N/E corner. The main was being lowered to meet the required clearance.</i>		

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[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
<u>General Comment:</u> <i>The main was approximately 36" in depth.</i>		
[192.503]	Are general testing requirements being met?	Not Checked
<u>General Comment:</u> <i>No pressure test was performed at this time. Still in the process of installation.</i>		
[192.517]	Are records being made of strength and leak tests?	Not Checked
<u>General Comment:</u> <i>No pressure test was performed at this time. Still in the process of installation.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Reviewed the OQ records for the employees on the job site. All were qualified in the tasks assigned.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u> <i>All employees on the job site were qualified in the tasks assigned.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>All employees on the job site were qualified in the tasks assigned</i>		
Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory
<u>General Comment:</u> <i>Reviewed the dig and permit for the job site. Both were valid for the date and location.</i>		
[192.614]	Dig Ticket #	475540134
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
<u>General Comment:</u> <i>Warning signs were placed near the construction area. A fire extinguisher was present near the fusing operations.</i>		
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	Not Applicable
<u>General Comment:</u>		

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PE main installation

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